

PEQUEST RIVER (PILOT)**LOCATION**

Warren and Sussex Counties.
Extends from the upper reaches at Newton to the USGS gage at Pequest. A tributary of the Delaware, discharging at Belvidere.

SPONSORS

Warren County Soil Conservation District
Sussex County Soil Conservation District

OBJECTIVES

To prevent flooding of muckland at Great Meadows and Alphano; and to reduce erosion and sediment damage to agricultural lands.

LAND TREATMENT

Measures estimated to cost \$324,000 were planned for 19,000 acres of cropland, 13,000 acres of grassland, and 27,000 acres of woodland. Technical assistance of the Soil Conservation Service and Forest Service amounting to about \$81,000 was provided to complete the program. Goals were exceeded for most measures.

STRUCTURAL MEASURES

14.8 miles of stream channel improvement from the upper end of the dam at Townsbury to the railroad bridge at Longbridge. One mile of diversion ditches at Great Meadows and Alphano.

STATUS

Authorized for operations in August, 1955 as a Pilot Project. Completed in 1958. The accelerated land treatment program in both Warren and Sussex Counties has been completed. Land treatment continues under the regular District program. Great Ditch and Alphano Ditch were completed by the sponsors. The 14.8 miles of Pequest channel was completed under three Federal contracts and one force account. Spoil was spread and the banks seeded. Two railroad bridges and the Barkers Miller bridge were underpinned. Four critical areas in the channel were ripped and some clearing and snagging was done at the lower end of the channel near Townsbury.

OPERATION AND MAINTENANCE

Allumuchy, Independence and Liberty Townships under separate agreements with the Warren County Soil Conservation District are responsible for maintaining the Pequest Channel. The Pequest Watershed Association maintains the diversion ditches.

BENEFITS

The project provides flood damage reduction benefits to agricultural land.